

Dec. 30, 1935.

Mueller Mexican Plants

Determined by L. B. Smith

- 665 *Panicum bulbosum* HBK.
1167 " "
787 *Stipa* -
523 "
1343 "
355 "
431 "
806 "
522 "
502 "
926 *Blepharoneuron tricholepis* (Torr.) Nash
832 *Muhlenbergia rigens* (Benth.) Hitchc.
649 *Agrostis stolonifera* L.
751 *Sporobolus indicus* (L.) R. Br.
1344 " " " " "
1249 *Phleum alpinum* L.
524 *Aristida*
1059 "
1076 " *arizonica* Vasey ?
1351 " " ?
1354 *Andropogon saccharoides* Sw.
697 "
973 *Paspalum pubiflorum* Rupr.
648 *Digitaria sanguinalis* (L.) Scop.
1172 *Briza rotundata* (HBK.) Steud.
674 *Panicum nodatum* H. & C.
1171 " " " "
1088 " *obtusum* HBK.
1169 *Elymus interruptus* Buckl.
793 *Sitanion pubiflorum* J. G. Smith
541 *Agropyron arizonicum* Scrib. & Smith
521 *Deschampsia*
919 "
873 "
879 "
894 *Trisetum*
808 "
932 *Koeleria cristata* (L.) Pers.
811 *Bromus*
812 "
545 "
1078 " *purgans* L.
1168 " "
1058 " "
667 " *laciniatus* Beal
1345 *Eragrostis*
679 " *lugens* Nees
366 " "
1116 " *limbata* Fourn.
362 *Briza rotundata* (HBK.) Steud.
1248 *Poa annua* L.
448 " *nervosa* (Hook.) Vasey

- 807 Poa
 809 Festuca ovina L.
 810 " " "
 1131 Priva mexicana (L.) Pers.
 544 Nierembergia angustifolia HBK.
 391 Samuela carnerosana Trelease
 699 Agave variegata Jacobi
 692 " " "
) 480 Tradescantia -
 495 " "
 1194 " Karwinskyana R. & S.
 777 " " " "
 621 " Pringlei Watson
 835 Anthericum stenocarpum Nak.
 295 Nothoscordum bivalve (L.) Britton
 726 " " " "
 1256 Zigadenus virescens (HBK.) Macbr.
 359 Zephyranthes Lindleyanus Herb.
 300 " " "
 478 " " "
 458 " " "
 296 " " "
 280 " " "
 288 " " "
 513 Sabadilla officinalis (S. & C.) Stahdl.
 724 " " " "
 504 Sisyrinchium scabrum Ch. & Schdl.
 814 " " " "
 833 " " " "
 557 Vernonia Ervendbergii Gray
 419 Chrysopsis villosa Nutt.
 344 " " "
 1259 Actinea insignis (Gray) Ktze. det. W. B. Drew
 668 Bidens pilosa L. " Blake
 534 Zexmenia hispida (HBK.) Gray
 352 Psilactis tenuis Watson
 445 " " "
 ? 854 Eriogonon -
 548 " "
 1262 " "
 785 Cirsium filipendulum Engelm.
 467 " " "
 722 " " "
 821 " " "
 839 " subcoriaceum (Less.) Sch.-Bip.
 889 " " " "
 734 Pyrrhopappus multicaulis DC.
 543 Taraxacum mexicanum DC.
 670 Tothonia tubaeformis Cass. det. Blake
 937 Zexmenia hispida (HBK.) Gray " "
 678 Helenium ooclinium Gray
 1258 " integrifolium (HBK.) B. & H.
 669 Sclerocarpus unserialis (Hook.) B. & H.
 441 " " " "
) 890 Gnaphalium -
 761 " oxyphyllum DC.
 556 " purpureum L. det. Blake

- 682 *Simsia calva* (Gray & Engelm.) Gray
 990 " " " " "
 409 " " " " "
 533 " " " " "
 933 *Verbesina Rothrockii* Robinson & Greenman
 910 " *hypomalaca* Robinson & Greenman
 278 *Psilactis tenuis* Watson
 1253 *Bidens*
 337 *Actinea linearifolia* (Hook.) Ktze.
 353 *Helianthella* n. sp. ? ! Blake
 705 *Heterotheca Lamarckii* Cass.
 782 *Grindelia oxylepis* Greene
 896 " " "
 764 *Pherotrichis Balbisii* Gray
 795 " " "
 1135 *Teucrium cubense* L.
 574 *Stachys nepetaefolia* Desf.
 268 *Hedeoma quinquenervata* Bartlett
 869 *Monarda citriodora* Cerv.
 1164 *Prunella vulgaris* L.
 635 " " "
 1324 " " "
 271 *Scutellaria Drummondii* Benth.
 1014 *Aristolochia brevipes* Benth.
 788 *Ipomoea*
 769 *Asclepias bidentata* Hemsl.
 991 " *glaucescens* HBK.
 1154 " " "
 686 " *tuberosa* L.
 294 " *brachystephana* Engelm.
 403 " " "
 386 " " "
 331 " " "
 1084 *Funastrum crispum* Schltr.
 816 *Asclepiodora*
 371 " "
 1020 " "
 514 " "
 646 *Metastelma angustifolium* Turcz.
 1026 *Pherotrichis Balbisii* Gray
 1140 *Gonolobus reticulatus* Engelm.
 348 *Senecio cyclophyllus* Greenman
 416 " " "
 383 " " "
 357 " " "
 1247 " *vulneraria* DC.
 774 " sp.
 1255 " "
 868 " "
 690 " "
 900 " "
 1196 *Evolvulus filipes* Mart.
 1267 *Maurandia Barclayana* Lindl.
 789 *Convolvulus incanus* Vahl.
 484 " " "
 569 *Dichondra argentea* Willd.
 490 " *repens* Forst.
 1110 " " "
 710 *Cuscuta*

- 901 Tauschia
 913 "
 841 "
 921 "
 1027 *Museniopsis ternatus* (Watson) C. & R.
 1205 " " " " "
 779 *Bouchetia anomala* Britton & Rusby
 870 " " " " "
 334 " " " " "
 860 " " " " "
 345 " " " " "
 799 *Gilia pinnata* (Cav.) Brand
 1246 *Polemonium pauciflorum* Watson
 570 *Loeselia scariosa* (Mart. & Gal.) Walp.
 1137 *Physalis ixocarpa* Brot.
 778 *Solanum dejectum* Fernald
 404 " " "
 855 "
 602 *Nicotiana nudicaulis* Watson
 432 *Physalis* material ~~material~~
 346 "
 328 *Verbena ciliata* Benth.
 559 " *canescens* HBK.
 440 " " "
 1134 " *carolina* L.
 1132 " "
 794 *Eryngium Deppeanum* Ch. & Schdl.
 838 " sp.
 981 " *serratum* Cav.
 1207 *Sanicula mexicana* DC.
 660 *Coriandrum sativum* L.
 347 *Oenothera rosea* Ait. det. Munz
 342 " *speciosa* Nutt. approaching var. *Berlandieri* (Spach) Munz
 341 " " , var. *typica* Munz
 867 " *laciniata* var. *pubescens* (Willd.) Munz
 499 " *tetraptera* Cav.
 619 " *Kunthiana* (Spach) Munz
 360 *Gaura*
 1015 *Oenothera macroceles* Gray.
 1081 " "
 804 " *Muelleri* ined. Munz 1935.
 775 *Corydalis aurea* Willd.
 738 *Geranium crenatum* Watson
 1233 *Delphinium azureum* Michx. var.
 597 "
 899 *Thalictrum* material ~~inadequate~~
 299 *Ranunculus geoides* HBK.
 1067 *Capsella Schaffneri* Watson
 907 *Thelypodium*
 666 " *micranthum* (Gray) Watson
 865 *Sisymbrium auriculatum* Gray
 298 *Cardamine auriculata* Watson
 1252 *Draba*
 982 *Polygala*
 291 *Lesquerella Schaffneri* Watson
 279 " " "
 525 " *Dendleri* Watson
 505 *Erysimum* det. Rossbach

- 640 *Erysimum* det. Rossbach
 601 " "
 532 " "
 449
 ? 318 *Cotyledon*
 ? 735 "
 ? 929 " *Schaffneri* Watson
 ? 262 "
 ? 818 *Sedum moranense* HBK.
 ? 285 " *Palmeri* Watson
 ? 1236 *Heuchera mexicana* Schaffner
 ? 611 " "
 ? 1220 *Rhynchosia?*
 ? 831 *Lathyrus*
 ? 823 *Astragalus*
 ? 275 " *hypoleucus* Schauer
 ? 564 *Lupinus elegans* HBK.
 ? 565A " "
 ? 1257 "
 ? 1254 *Potentilla obovatifolia* Rydb. ?
 ? 813 *Potentilla*
 ? 717 *Fragaria mexicana* Schdl.
 ? 912 *Passiflora exsudans* Zucc.
 ? 828 *Viola flagelliformis* Hemsl.
 ? 571 *Hybanthus verbenaceus* (HBK.) Loes.
 ? 693 " "
 ? 688 " "
 ? 498 " *verticillatus* (Art.) Baill.
 ? 1312 *Boehmeria cylindrica* (L.) Sw.
 ? 645 *Parietaria debilis* Forst.
 ? 936 *Eriogonum undulatum* Benth.
 ? 466 " *atrorubens* Engelm.
 ? 492 " "
 ? 1045 " "
 ? 712 *Rumex crispus* L.
 ? 1184 *Froelichia interrupta* Moq.
 ? 1318 *Celosia paniculata* L.
 ? 995 *Gomphrena decumbens* Jacq.
 ? 1192 *Boerhaavia gracillima* Heimerl.
 ? 951 "
 ? 914 *Oxybaphus aggregatus* Vahl
 ? 1049 " "
 ? 714 *Phytolacca octandra* L.
 ? 1111 *Portulaca oleracea* L.
 ? 1129 *Talinum patens* Willd.
 ? 1198 " "
 ? 1117 *Drymaria*
 ? 273 *Arenaria decussata* Willd.
 ? 776 *Stellaria*
 ? 1023 *Silene laciniata* Cav.
 ? 1240 " *Pringlei* Watson
 ? 946 *Polygala* see Blake
 ? 780 "
 ? 983 "
 ? 507 "
 ? 1019 "
 ? 526 "
 ? 1204 "
 ? 1033 "

- 560 *Polygala*
 566 "
 443 "
 538 *Linum Schiedeanum* Ch. & Schdl.
 469 "
 470 " *scabrellum* Planch.
 916 " *Lewisii* Pursh
 1022 *Oxalis latifolia* HBK.
 906 " *Wrightii* Gray
 1029 " "
 314 " *Grahamiana* Benth.
 302 " "
 852 *Geranium crenatum* Wats.
 493 *Erodium cicutarium* L'Her.
 558 " "
 964 *Hypericum*
 462 *Callirhoe lineariloba* Gray
 1085A *Acalypha phleoides* Cav.
 301 " "
 270 " "
 1320 " *ostryaefolia* Ridd.
 1047 *Phyllanthus polygonoides* Spreng.
 641 *Euphorbia*
 599 "
 293 "
 664 " *graminea* Jacq.
 635 " "
 963 *Loeselia coerulea* (Cav.) G. Don
 405 *Mandevilla Karwinskii* (Muell.-Arg.) Hemsl.
 892 *Carex*
 1038 *Commelina graminifolia* HBK.
 496 *Tradescantia crassifolia* Cav.
 827 " "
 659 " "
 908 " *brachiphylla* Greenman
 349 *Anagallis arvensis* L.
 1046 *Asclepias longicornu* Benth.
 456 " *galionides* HBK.
 791 " "
 272 *Conopholis americana* Wallr.
 483 *Orobanche*
 335 *Campanula rotundifolia* L.
 402 " "
 330 " "
 561 *Lobelia sublibera* Wats.
 577 " "
 1061 " *Berlandieri* DC.
 792 *Specularia perfoliata* A. DC.
 1319 *Tetramerium* Malacothrix *Minima*
 715 *Plantago Galeottiana* DC.
 591 " *Dippeana* Vatke
 874 " *mexicana* Link
 922 *Valerianella leont*
 661 *Galium uncinulatum* DC. ? too young
 824 " " " "
 277 *Houstonia Wrightii* Gray
 417 " "
 520 " *longipes* Watson
 1041 " *rubra* Cav.
 007 " "

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3209.
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Mar. 11, 1936.

Mueller Plants

- 293 *Euphorbia trichocardia* B. B. Smith, n. sp.
355 *Stipa leucotricha* Trin. & Rupr.
371 *Asclepiodora zanthodacryon* L. B. Smith, n. sp.
431 *Stipa mucronata* HBK.
443 *Polygala alba* Nytt. var. *tenuifolia* (Pursh) Blake
507 " " " " " "
514 *Asclepiodora zanthodacryon* L. B. Smith,
560 *Polygala alba* Nutt. var. *tenuifolia* (Pursh) Blake
566 " " " " " "
780 " " " " " "
806 *Stipa Pringlei* Scribn.
816 *Asclepiodora zanthodacryon* L. B. Smith
— 892 *Carex Mackenziana* Weatherby, n. sp.
1019 *Polygala alba* Nutt. var. *tenuifolia* (Pursh) Blake
1020 *Asclepiodora zanthodacryon* L. B. Smith
1083 *Polygala alba* Nutt. var. *tenuifolia* (Pursh) Blake
1343 *Stipa mucronata* HBK.

Mueller Mexican Plants Collected 1934.

Determined Carl Epling 1937.

528 *Hedeoma nanum* (Torr.) Greene subsp. *mexicanum* Stewart

481 " *Drummondii* Benth.

444 " *quercetorum* Epl.

385 " " "

276 " " "

SCROPHULARIACEAE COLLECTED IN NUEVO LEON, by
C. H. MUELLER

1940
Recd.
16 nos
out of 30 sent in
1935.

- Buchnera floridana Gand. -- 2052
Castilleja lanata Gray, -- 485, 1109, 2307,
" potosina Penn. -- 1234, ✓ 2249,
" tenuiflora Benth. -- 2095, 2200, 2416,
Pagesia procumbens intermedia Penn. -- 553,
Penstemon codonophorus Pennell, -- 1245, ✓ 2266
" tenuifolius Benth. -- 957, 1188, ✓ 2360
Seymeria -- 2401

Calystegia -- 2059

- 703 Lamourouxia rhinaria ligolia HBK. } in loan.
889 A Penstemon campanulatus (Cav.) Willd. }
600 Penstemon? (poor material).
588 Bouchetia anomala Willd. & Brusby.

268
 271
 276
277
 313
 385
 592
 H11
 H33
 H39a
H44
H71
H75
H81
H88
H89
516
 528
 551
 574
637
653
 685
703
759
 763
772
857
861
869
895
1024
1051
1062
1133
1135
1164

1270
1299
1300
 1311
 1316
1324
1335

F. Mueller - Labiatae

rect. by W. C. Steyermark

Scrophulariaceae

with Dr. Burnell

267	1234
397	1235
485	1237
500	1238
508	1239
531	1245
553	
588	
600	
603	
737	
752	
755	
756	
765	
836	
849a	
872	
889	
924	
957	
1068	
1073	
1107	
1109	
1187	
1188	
1190	